

历年微软面试中出现的leetcode算法题

❖题目源于（2019.04.06~2020.08.07）的牛客面经，每一题目的出处与原始牛客链接对应关系见[issues](#)，下一页是题目名称、出现次数以及对应链接的表格。

题目	出现次数	链接
215. 数组中的第K个最大元素	6	https://leetcode-cn.com/problems/kth-largest-element-in-an-array
124. 二叉树中的最大路径和	4	https://leetcode-cn.com/problems/binary-tree-maximum-path-sum
468. 验证IP地址	3	https://leetcode-cn.com/problems/validate-ip-address
236. 二叉树的最近公共祖先	3	https://leetcode-cn.com/problems/lowest-common-ancestor-of-a-binary-tree
206. 反转链表	3	https://leetcode-cn.com/problems/reverse-linked-list
91. 解码方法	3	https://leetcode-cn.com/problems/decode-ways
94. 二叉树的中序遍历	3	https://leetcode-cn.com/problems/binary-tree-inorder-traversal
15. 三数之和	3	https://leetcode-cn.com/problems/3sum
121. 买卖股票的最佳时机	3	https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock
48. 旋转图像	3	https://leetcode-cn.com/problems/rotate-image
543. 二叉树的直径	3	https://leetcode-cn.com/problems/diameter-of-binary-tree
53. 最大子序和	3	https://leetcode-cn.com/problems/maximum-subarray
4. 寻找两个正序数组的中位数	2	https://leetcode-cn.com/problems/median-of-two-sorted-arrays
110. 平衡二叉树	2	https://leetcode-cn.com/problems/balanced-binary-tree
146. LRU缓存机制	2	https://leetcode-cn.com/problems/lru-cache
103. 二叉树的锯齿形层次遍历	2	https://leetcode-cn.com/problems/binary-tree-zigzag-level-order-traversal
450. 删除二叉搜索树中的节点	2	https://leetcode-cn.com/problems/delete-node-in-a-bst
415. 字符串相加	2	https://leetcode-cn.com/problems/add-strings
62. 不同路径	2	https://leetcode-cn.com/problems/unique-paths
22. 括号生成	2	https://leetcode-cn.com/problems/generate-parentheses
1. 两数之和	2	https://leetcode-cn.com/problems/two-sum
79. 单词搜索	2	https://leetcode-cn.com/problems/word-search

题目	出现次数	链接
200. 岛屿数量	2	https://leetcode-cn.com/problems/number-of-islands
89. 格雷编码	2	https://leetcode-cn.com/problems/gray-code
98. 验证二叉搜索树	2	https://leetcode-cn.com/problems/validate-binary-search-tree
剑指 Offer 46. 把数字翻译成字符串	1	https://leetcode-cn.com/problems/ba-shu-zi-fan-yi-cheng-zi-fu-chuan-lcof
84. 柱状图中最大的矩形	1	https://leetcode-cn.com/problems/largest-rectangle-in-histogram
120. 三角形最小路径和	1	https://leetcode-cn.com/problems/triangle
5. 最长回文子串	1	https://leetcode-cn.com/problems/longest-palindromic-substring
867. 转置矩阵	1	https://leetcode-cn.com/problems/transpose-matrix
560. 和为K的子数组	1	https://leetcode-cn.com/problems/subarray-sum-equals-k
986. 区间列表的交集	1	https://leetcode-cn.com/problems/interval-list-intersections
78. 子集	1	https://leetcode-cn.com/problems/subsets
907. 子数组的最小值之和	1	https://leetcode-cn.com/problems/sum-of-subarray-minimums
162. 寻找峰值	1	https://leetcode-cn.com/problems/find-peak-element
547. 朋友圈	1	https://leetcode-cn.com/problems/friend-circles
1013. 将数组分成和相等的三个部分	1	https://leetcode-cn.com/problems/partition-array-into-three-parts-with-equal-sum
34. 在排序数组中查找元素的第一个和最后一个位置	1	https://leetcode-cn.com/problems/find-first-and-last-position-of-element-in-sorted-array
142. 环形链表 II	1	https://leetcode-cn.com/problems/linked-list-cycle-ii
572. 另一个树的子树	1	https://leetcode-cn.com/problems/subtree-of-another-tree
154. 寻找旋转排序数组中的最小值 II	1	https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array-ii
704. 二分查找	1	https://leetcode-cn.com/problems/binary-search
151. 翻转字符串里的单词	1	https://leetcode-cn.com/problems/reverse-words-in-a-string

题目	出现次数	链接
171. Excel表列序号	1	https://leetcode-cn.com/problems/excel-sheet-column-number
39. 组合总和	1	https://leetcode-cn.com/problems/combination-sum
150. 逆波兰表达式求值	1	https://leetcode-cn.com/problems/evaluate-reverse-polish-notation
283. 移动零	1	https://leetcode-cn.com/problems/move-zeroes
767. 重构字符串	1	https://leetcode-cn.com/problems/reorganize-string
10. 正则表达式匹配	1	https://leetcode-cn.com/problems/regular-expression-matching
459. 重复的子字符串	1	https://leetcode-cn.com/problems/repeated-substring-pattern
973. 最接近原点的 K 个点	1	https://leetcode-cn.com/problems/k-closest-points-to-origin
3. 无重复字符的最长子串	1	https://leetcode-cn.com/problems/longest-substring-without-repeating-characters
72. 编辑距离	1	https://leetcode-cn.com/problems/edit-distance
剑指 Offer 21. 调整数组顺序使奇数位于偶数前面	1	https://leetcode-cn.com/problems/diao-zheng-shu-zu-shun-xu-shi-qi-shu-wei-yu-ou-shu-qian-mian-lcof
剑指 Offer 36. 二叉搜索树与双向链表	1	https://leetcode-cn.com/problems/er-cha-sou-suo-shu-yu-shuang-xiang-lian-biao-lcof
887. 鸡蛋掉落	1	https://leetcode-cn.com/problems/super-egg-drop
剑指 Offer 26. 树的子结构	1	https://leetcode-cn.com/problems/shu-de-zi-jie-gou-lcof
328. 奇偶链表	1	https://leetcode-cn.com/problems/odd-even-linked-list
137. 只出现一次的数字 II	1	https://leetcode-cn.com/problems/single-number-ii
155. 最小栈	1	https://leetcode-cn.com/problems/min-stack
剑指 Offer 52. 两个链表的第一个公共节点	1	https://leetcode-cn.com/problems/liang-ge-lian-biao-de-di-yi-ge-gong-gong-jie-dian-lcof
1375. 灯泡开关 III	1	https://leetcode-cn.com/problems/bulb-switcher-iii
662. 二叉树最大宽度	1	https://leetcode-cn.com/problems/maximum-width-of-binary-tree
76. 最小覆盖子串	1	https://leetcode-cn.com/problems/minimum-window-substring

题目	出现次数	链接
449. 序列化和反序列化二叉搜索树	1	https://leetcode-cn.com/problems/serialize-and-deserialize-bst
47. 全排列 II	1	https://leetcode-cn.com/problems/permutations-ii
300. 最长上升子序列	1	https://leetcode-cn.com/problems/longest-increasing-subsequence
152. 乘积最大子数组	1	https://leetcode-cn.com/problems/maximum-product-subarray
44. 通配符匹配	1	https://leetcode-cn.com/problems/wildcard-matching
739. 每日温度	1	https://leetcode-cn.com/problems/daily-temperatures
122. 买卖股票的最佳时机 II	1	https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-ii
20. 有效的括号	1	https://leetcode-cn.com/problems/valid-parentheses
207. 课程表	1	https://leetcode-cn.com/problems/course-schedule
700. 二叉搜索树中的搜索	1	https://leetcode-cn.com/problems/search-in-a-binary-search-tree
701. 二叉搜索树中的插入操作	1	https://leetcode-cn.com/problems/insert-into-a-binary-search-tree
1312. 让字符串成为回文串的最少插入次数	1	https://leetcode-cn.com/problems/minimum-insertions-to-make-a-string-palindrome
剑指 Offer 33. 二叉搜索树的后序遍历序列	1	https://leetcode-cn.com/problems/er-cha-sou-suo-shu-de-hou-xu-bian-li-xu-lie-lcof
139. 单词拆分	1	https://leetcode-cn.com/problems/word-break
557. 反转字符串中的单词 III	1	https://leetcode-cn.com/problems/reverse-words-in-a-string-iii
60. 第k个排列	1	https://leetcode-cn.com/problems/permutation-sequence
剑指 Offer 04. 二维数组中的查找	1	https://leetcode-cn.com/problems/er-wei-shu-zu-zhong-de-cha-zhao-lcof

